

Kameron Mayhue is a 2017 graduate of Freedom Area High School where he participated in the “Big Red” Marching Band for 5 years in the Brass section as the lead trumpet player. He competed in the Pennsylvania Music Educators Association (PMEA) honors, district, regional, and state bands. He was also a member of the Jazz band and choir. Kameron was a member of the Drama Club and was the lead in *Grease* in 2017 his senior year, the lead in *The King and I* in 2016 during his junior year, and had parts in the 2015 production of *West Side Story*, the 2014 production of *The Wizard of Oz*, the 2013 production of *Fiddler on the Roof*, and the 2012 production of *The Music Man*. Aside from his participation in the arts, Kameron was always invested in Freedom’s math and science. He was often found in the chemistry lab and physics classroom where he found his deep interest in science and engineering. He was awarded the Science Department award alongside Jarrett Boyd prior to graduation in 2017.

Kameron began his engineering education at the University of Pittsburgh in the fall of 2017. After declaring his major as Chemical Engineering his sophomore year, he decided to pursue two minors in Electrical Engineering and Economics. He began gaining real-world engineering experience during his co-op in the pine chemical industry with a specialty chemical company, Ingevity. Ingevity is a nationwide company that manufactures adhesive and oilfield emulsifiers (amongst many other products). At Ingevity, Kameron learned to apply his knowledge from class in the real-world while gaining valuable professional skills along the way. He also completed a month-long study abroad program, “Engineering the German Way” in Munich, Germany where he learned important industrial engineering aspects like Industry 4.0 and discrete manufacturing. Kameron graduated from the University of Pittsburgh in 2021 with a Bachelor of Science degree in Chemical Engineering with minors in Chemistry, Electrical Engineering, and Economics. He received the Rose Ann Rhodes Scholarship and the U.S. Steelworkers Union Scholarship for his studies at Pitt.

Kameron is currently working as a systems engineer at one of the world’s largest controls systems integrator, RoviSys. With RoviSys, he designs control systems and industrial IT networks for a variety of industries. He has an ongoing project in the semiconductor industry valued over \$2 million. Kameron can be found working with many different technologies such as Siemens PCS 7, Rockwell ControlLogix, Linux, network attached storage (NAS), servers, domains, manufacturing execution systems (MES), and even Raspberry Pi and Arduino. He works closely with customers like Dow Chemical, Bunge, SK Siltron, and Hemlock Semiconductor to implement logic and sequences that maximize key performance indicators while designing user interfaces that make massive manufacturing facilities easy to operate. Customer service and personal accountability are the most important parts of his job at RoviSys.

Kameron liked the attention given to the sciences at Freedom. Science and engineering is the lifeblood of our society, and teaching basic chemistry, physics, biology and computer programming at the high school level sets future engineers and scientists up for success in pursuing their college education. His favorite courses at Freedom were chemistry, physics, and calculus. “Mr. Saludis and Dr. Wargo had vital roles in introducing me to the world of science and engineering. I cannot thank them enough for the effort and thoughtfulness poured out in every lesson. They were perfect role models by demonstrating vast knowledge and professionalism during my impressionable high school years.”

“By enrolling your children at Freedom, parents are putting their kids in a safe place where they can feel welcome and learn. A quality education is the most important part of a child’s development, and Freedom is one of the best places to be,” says Kameron.